

Following is a revised key to the nearctic and neotropical species of *Chelostomoides*.

Females:

1. Clypeus much modified, either produced, excavated, lobed, angulate, or with deep and conspicuous apical emarginations; mandibles often slender and elongate..... 2
 Clypeus flattened, not much modified, at most with the apical margin denticulate, or with shallow, inconspicuous emarginations; mandibles broad apically, 4- or 5-dentate..... 14
2. Mandible strongly protuberant at base above..... 3
 Mandible not or only very slightly protuberant above..... 5
3. Clypeus consisting of two prominent triangular acute lobes projecting forward at right angles to the face.....*davidsoni* Cockerell
 Clypeus with lateral rounded lobes and a more or less definite median lobe 4
4. Median clypeal lobe subequal to the lateral lobes; basal protuberance of mandible relatively small.....*ignacensis* Mitchell
 Median clypeal lobe much broader than the lateral lobes; basal mandibular protuberance broad and inconspicuous...*lobatifrons* Cockerell
5. Apical dentate margin of mandible broad, nearly or quite equal to inner margin (from inner angle to base)..... 6
 Mandibles slender and elongate, the dentate margin very short, usually 3-dentate, sometimes with a low angle or tooth on the inner margin 8
6. Clypeus flat, the margin prominently angled at each side, and with a pair of strong submedian tubercles, forming a median and a pair of lateral deep emarginations.....*subexilis* Cockerell
 Clypeus protuberant, or without the median emargination..... 7
7. Clypeal margin conspicuously 3-lobed, forming a pair of deep rounded emarginations*occidentalis* Fox
 Clypeus transverse, with a short but very broad, closely punctate upper face and a slightly shorter shining lower face, the margin nearly straight*manni* Mitchell
8. Clypeal margin with a pair of prominent acute projections delimiting a deep median emargination, the upper face slightly protuberant medially*odontostoma* Cockerell
 Clypeus otherwise modified..... 9
9. Clypeus flat, very broad and rather short, with a pair of broad and rather deep emarginations on each side of a very shallow median emarginate area.....*tucsonensis* new species
 Clypeus either protuberant, angled or otherwise modified, but not flattened 10
10. Median area of clypeus oblique, the upper margin slightly elevated,

- shining below and with a few shallow punctures above, a small protuberance on each side.....*rugifrons* Smith
 Clypeus or supraclypeal area strongly protuberant..... 11
11. Clypeus consisting of a narrow bowed projection just beneath antennae, the surface below oblique, broad, impunctate and polished*discorhina* Cockerell
 Clypeal protuberance formed otherwise..... 12
12. Supraclypeal area strongly protuberant, upper margin of clypeus somewhat less so, apical margin with a deep rounded median emargination*felipiana* Mitchell
 Clypeus more strongly protuberant, without a deep median emargination 13
13. Clypeus with an acute median protuberance, the margin broadly incurved and with a pair of small submedian tubercles*texensis* new species
 Clypeus medially and supraclypeal area strongly and evenly elevated, lateral portions of clypeus depressed below this level and with a lower polished and impunctate face at right angles to elevated area*chilopsidis* Cockerell
14. Clypeal margin entire, neither denticulate nor emarginate..... 15
 Clypeal margin either denticulate or slightly emarginate..... 16
15. Clypeal margin straight from side to side, (nearctic)....*georgica* Cresson
 Clypeal margin broadly triangular, having an obscure median angle (neotropical)*peruviana* Smith
16. Mandible distinctly 5-dentate; sixth tergum with a deep subapical groove*spinotulata* Mitchell
 Mandible 4-dentate; or indistinctly 5-dentate, but without a groove near apex of sixth tergum..... 17
17. Clypeal margin with at least a slight median denticle..... 18
 Clypeal margin lacking a median denticle, but with a distinct median emargination 22
18. Abdominal terga 4-6 covered with dense fulvous tomentum; clypeus with a narrow median raised line (neotropical).....*otomita* Cresson
 At least the fourth tergum lacking dense tomentum other than the apical fascia; clypeus without a median raised line..... 19
19. Clypeal margin with five nearly equal and evenly spaced denticles, mandible distinctly 4-dentate, sixth abdominal tergum with dense white tomentum obscuring the surface (neotropical)*haematoxylonae* Mitchell
 Clypeal margin not as above..... 20
20. Clypeus with numerous erect and rather long black hairs interspersed among the shorter subappressed white hairs; mandible obscurely 5-dentate (neotropical).....*abacula* Cresson